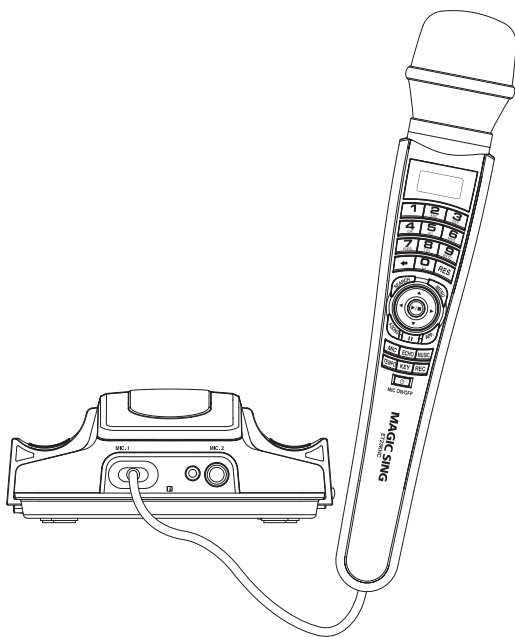


HD MULTIMEDIA KARAOKE

ET23KHC QUICK GUIDE



Limited warranty included

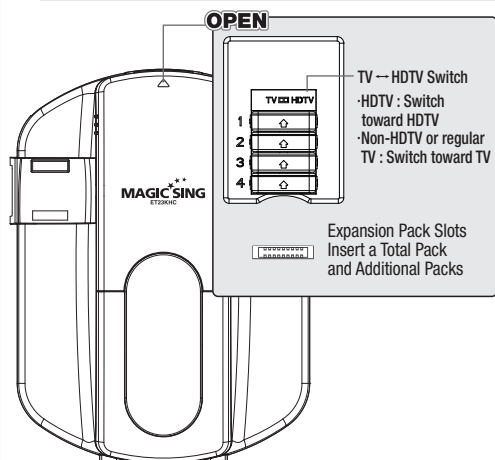
• Model No.	: ET23KHC	• Audio Output Power	: Max 2Vrms
• Dimensions	: 142(W) x 192.5(H) x 59(D) mm	• Operation Temperature	: 0°C~60°C
• Weight	: 350g	• Power Supply	: AC Adaptor(DC 9V/1.5A)
• TV Input Channel	: HD socket / Composit	• MIC Type	: Wired Remote control Microphone
• Display Resolution	: 1280 x 720(HD), 720 x 480(Composit)		

MAGIC SING
HD KARAOKE SYSTEM

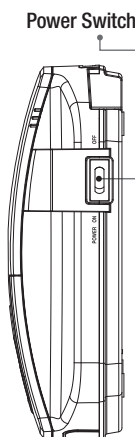
COMPONENTS AND FUNCTIONS	01
HOW TO INSTALL	02,03
SONG SEARCH, MENU, CONFIGURATION	04
APP(Application), EXTRA FUNCTIONS	05,06
TROUBLESHOOTING	07
LIMITED WARRANTY	08

I Main Device

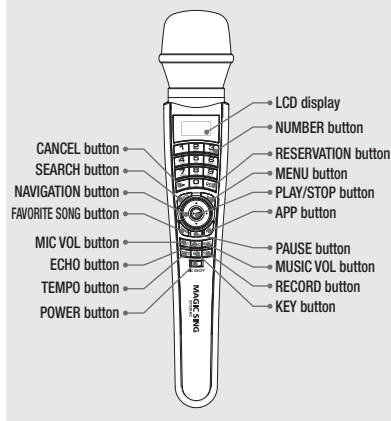
TOP



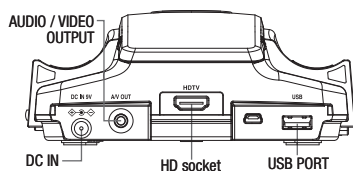
SIDE



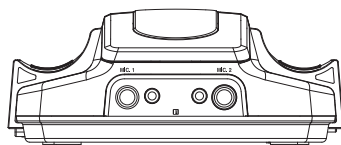
II Wired MIC



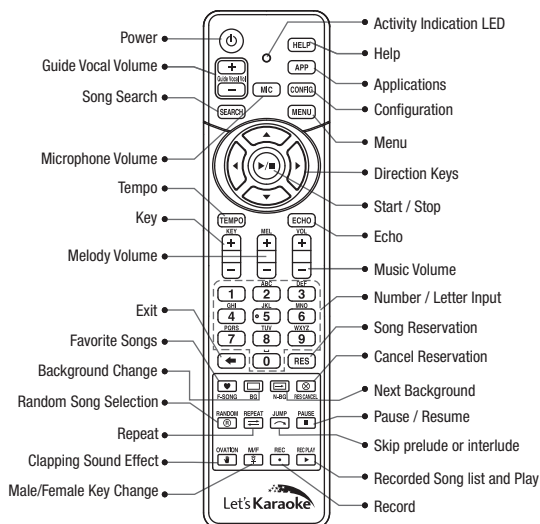
BACK



FRONT



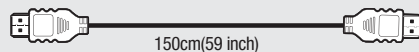
III Remote Control (AAA×2ea Batteries included)



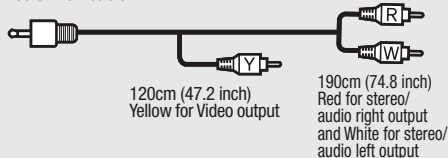
IV Accessories

HD-TV Cable, Tri-color RCA cable, Power adaptor, Quick guide

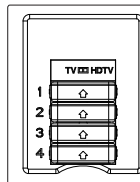
HD-TV Cable



Tri-color RCA cable



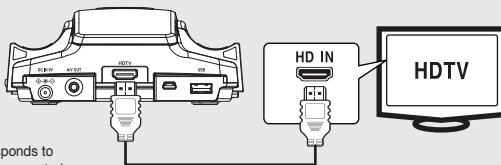
※ To adjust, select the switch located above the song pack slots to HDTV or TV depending on to what kind of TV the device will be connected.



1 HDTV with built in speakers

HD-TV cable : Connect one end of the cable to the HD socket on the backside of the main device and the other end of the cable to the HD socket on your HDTV.

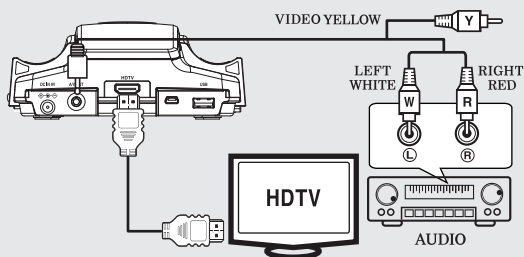
※ Please make sure that the external input setting on your HDTV corresponds to the external input on your HDTV, to which the karaoke device will be connected.



2 HDTV without built in speakers

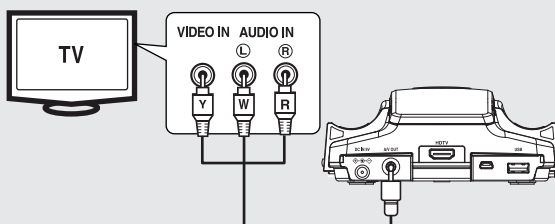
For video output, follow the same instruction as 1. above. For audio, use the tri-color RCA cable. Connect the cable to the audio/video output on the backside of the main device and connect Red(right) end and White(left) end of the cable to corresponding audio inputs on speakers or other audio devices.

※ Please make sure that the external input setting on your HDTV corresponds to the external input on your HDTV, to which the karaoke device will be connected.



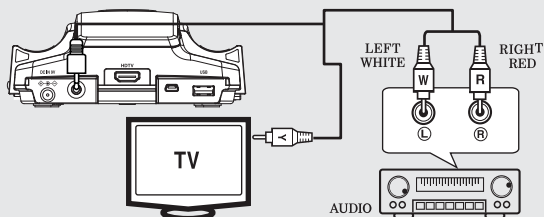
3 TV with built in speakers

Connect the Tri-Color RCA cable from the audio/video output on the backside of the main device to the corresponding audio/video inputs on your TV.



4 TV without built in speakers

For the video output, connect Yellow(Video) end of the cable to the TV video input. For the audio output, connect Red(right) end and White(left) end of the cable to audio inputs on speakers or other audio devices.



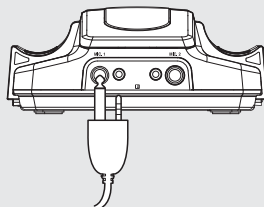
5 How to connect wired MIC

- Main wired MIC

When you connect the microphone cable to a front terminal of main device, the two cable jacks should be inserted into two terminals completely.

* Volume control

Press **[MIC]** button on the microphone.
or Press **[MIC]** button on the remote control.
(for the second microphone volume control, press MIC button two times)



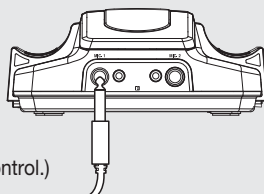
- Optional wired MIC

An optional microphone cable is able to be connected to the front socket of main device.

* Volume control

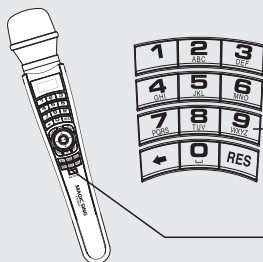
Press **[MIC]** button on the remote control.
(Optional MIC volume controlled by only remote control.)

If you have second optional wired MIC and want to control volume, press MIC button two times.



A microphone which has 3.5mm diameter should not be connected to the main device.

6 How to use digital wired MIC



Buttons on the MIC function are similar to those on the provided remote controller. Press the **[MIC]** button to activate the MIC function.

Press **[0~9 Number button]** to select the song you would like to sing.

When there is no input signal within 60 minutes, the power will be turned off automatically.

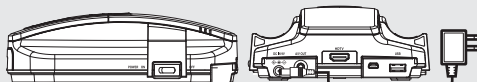
※ This button activates the ON/ OFF of the MIC function.

7 How to power on/off

Connect the power adaptor as shown in the picture.

And turn on the power switch on the right side of the

main device. To turn it off, press **[Power]** button on the remote controller and turn off the power switch on the right side of the main device.



I Song Search

Button	Letter Input
1	1
2 ABC	A → B → C → 2 → A → Circulate (Press repeatedly.)
3 DEF	D → E → F → 3 → D → Circulate (Press repeatedly.)
4 GHI	G → H → I → 4 → G → Circulate (Press repeatedly.)
5 JKL	J → K → L → 5 → J → Circulate (Press repeatedly.)
6 MNO	M → N → O → 6 → M → Circulate (Press repeatedly.)
7 PQRS	P → Q → R → S → 7 → P → Circulate (Press repeatedly.)
8 TUV	T → U → V → 8 → T → Circulate (Press repeatedly.)
9 WXYZ	W → X → Y → Z → 9 → W → Circulate (Press repeatedly.)
0 ↵	↵ → 0 → ↵ Circulate (Press repeatedly.)

- Press **SEARCH** to open the search panel
- SEARCH** TITLE → SINGER → LYRIC → NUMBER → TITLE → Circulate
(Press repeatedly.)
- MENU** ALL → GUIDE VOCAL → Listing by Country → ALL → Circulate
(Press repeatedly.)
- CONFIG** Alphabet → Other Languages Available → Alphabet → Circulate
(Press repeatedly.)
- Press to move the cursor to the right (or after 2 seconds the cursor will move to the right without pressing .)
- Press to delete the letter.
- Press to select a song.
- Press to play (resume) / stop.
- Press to pause / resume.

II MENU

Press **MENU** → Press to move to the menu you want to use → Press or to select that menu → Press to select the content and/or adjust the value → Press or to save → Press to exit from the menu.

Adjust melody volume	Adjust music volume	Adjust tempo	Adjust key	Turn on/off the musical note	Adjust octave	Adjust echo	Adjust MIC volume
Adjust volume of guide vocal	Turn on/off guide vocal	Change melody instrument	Change male/female key song to be repeated	Set a part of musical key song to be repeated	Play songs continuously	Change settings for score	Change background

III CONFIGURATION

Press **CONFIG** or **APP** to open a page for

	MIC EFFECT	• [MIC EFFECT] Select from Echo (short), Echo (long), Reverb (room) or Reverb (hall).
	AUTO MIC EFFECT	• [AUTO MIC EFFECT] Automatically uses the MIC effect (Echo) only when you start a song.
	SONG COUNTDOWN	• [SONG COUNTDOWN] Turn on/off the song countdown "4, 3, 2, 1" which indicates the starting point of a song.
	MUSICAL NOTE SCROLL BAR	• [MUSICAL NOTE SCROLL BAR] Turn on/off the musical note scroll bar which indicates where it is playing.
	LYRICS	• [LYRICS] Turn on/off the lyrics on the screen.
	LYRICS POSITION	• [LYRICS POSITION] Select the position of the lyrics on the screen.
	LYRICS LINE	• [LYRICS LINE] Choose the number of lines (2 lines or 3 lines) to be displayed.
	SCORE CHECK	• [SCORE CHECK] Set the scoring mode to None, Beginner, Amateur or Professional.
	REAL TIME SCORE	• [REAL TIME SCORE] Turn on/ off the Real time score on the screen.
	SILENCE MODE	• [SILENCE MODE] Set the silence mode to OFF to Level 1 to Level 2.
	AUTO POWER OFF	• [AUTO POWER OFF] Set the Auto power off when there is no input signal.
	FACTORY RESET	• [FACTORY RESET] Reset all settings to the factory default settings.

I APP (Application)

MOVIE

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → Select a folder or file → Open the selected folder or the file.

MUSIC

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → Select a folder or file → Open the selected folder or the file.

PHOTO

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → Select a folder or file → Open the selected folder or the file.

CDG Karaoke

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → Select a folder or file → Open the selected folder or the file.

SERIAL NUMBER

The serial number stored in your USB memory device is needed when purchasing any additional songs from the website www.netkara.com.

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → Save the Serial Number in the USB memory device → Check if it is successfully saved. → Exit.

USB CONTENTS

Turn the power off → (USB PORT) Insert the USB memory device → Turn the power on → **APP** →
 Select → Open the screen → The main device will automatically find additional songs on USB memory device and move them to the internal memory inside the main device.

GAME

APP → Select → Open the screen → Select a game → Start the game.

MANUAL

APP → Select → Open the screen → View the next page, View the previous page → Exit.

II Extra Functions

View a help menu

If you want to know the detailed explanation for a specific function of each key button on remote controller, please press the key button you want, which leads you to the corresponding page of the manual in Help menu.







Reserving songs

On the search panel →     Select a song
→  Reserve a song.






Cancelling reserved Song

In the RESERVED SONG LIST →     Select a song
→  Cancel the reservation.


Add to the Favorite Song List

- 1)  On the search panel →     Select a song →  Add a song to the favorite song list.
- 2) While playing a song →  Add a song to the favorite song list.


Delete from the Favorite Song List

While on the standby, press  to move to the FAVORITE SONG LIST →     Select a song →  Delete the song.

Background

 Choose the background setting to MOVIE, PHOTO or AUTO. If there are video files in the VIDEO folder or photo files in the PHOTO folder in a JPEG format that can be used in your USB memory device, these files will be played first as backgrounds and files built in the main device will be played afterwards.

Next Background

 View the next background in order.




























Skip

 Skip prelude or interlude.



Clap

 Play the clapping sound effects.

Record

- 1)  On the search panel →     Select a song →  Start recording →  or  End recording.
- 2)  On the FAVORITE SONG LIST →     Select a song →  Start recording →  or  End recording.
- 3)  On the RESERVED SONG LIST →     Select a song →  Start recording →  or  End recording.
- 4) While playing a song →  Start recording →  or  End recording.








Copy recorded songs to the USB Memory device

 Turn off the main device →  (USB PORT) Insert the USB memory device →  Turn the main device on →  Display the RECORDED SONG LIST →     Select a song →  Copy a recorded song to your USB Memory device.

Delete a recorded song

 On the RECORDED SONG LIST →     Select a song →  Delete the recorded song.

Section move

While playing a song →  to pause the song →  to move to the previous lyrics  to move to the next lyrics
 to move to the previous page and  to move to the next page →  or  to play the song again

PRECAUTION



Use the adaptor that comes with MAGIC SING only. There are many adaptors that are plug-compatible with MAGIC SING, but have different electrical specifications. These adaptors would work only for a short period of time but would soon damage MAGIC SING.



Do not plug in MAGIC SING if it is wet. Please contact the service center immediately, if the device has been used in wet condition. If any solid object or liquid gets inside of MAGIC SING, unplug it and have it checked by the service center.



Do not drop MAGIC SING. Any external or internal damage due to dropping is not covered under warranty.



Do not insert or remove additional packs, total pack and USB memory device while MAGIC SING is turned on.



Do not store MAGIC SING in direct sunlight, in a high temperature, or a highly humid room.



Do not use strong chemicals to clean MAGIC SING, as these chemicals may damage the device. Keep MAGIC SING away from pets and small children.



Do not press the LED/LCD part



Never use a sharp object on the keypad.



Do not immerse MAGIC SING in water or splash water on it. Water damage is not covered by the warranty.



Do not disassemble MAGIC SING into parts. This will void the warranty.

TROUBLESHOOTING

In cases of problems, please check the following recommendations before contacting the service center.

- | | |
|---|---|
| ● If MAGIC SING cannot be turned on | MAIN DEVICE : Make sure the adaptor is correctly plugged into the power outlet. Check if the plug is properly inserted to the corresponding jack.
In case you are using the device with wired MIC, check if the battery type is AA. If the battery is low, MAGIC SING wired MIC may not work properly. |
| ● If the user's voice cannot be heard | Press the VOL button and check the MIC volume of MAGIC SING. |
| ● If the TV does not show pictures or emit sound | Make sure HD cable and/or A.V cables are properly connected between MAGIC SING and HDTV(SDTV). And check if the input setting of HDTV(SDTV) corresponds to the external input of your TV to which the cables are connected. |
| ● The display screen of MAGIC SING has frozen or disappeared from TV screen | Press the power button off and turn it back on. |

※ When MAGIC SING needs to be repaired, please send it to your nearest service center or the place you purchased it from.

ENTER TECH CO., LTD.

VER.100

Address : Enter B/D, 156-7, Ojeong-dong, Ojeong-gu,
Bucheon-City, Kyonggi-do, Korea (421-814)

Tel : +82-32-680-9000 | Fax : +82-32-673-0818

MAGIC SING
HD KARAOKE SYSTEM



PRODUCT NAME : MAGIC SING
MODEL NUMBER : ET23KHC / FCC

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions :

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications to the equipment not expressly approved by the responsible for compliance could void user's authority to operate the equipment.



ENTER-TECH 1YEAR LIMITED WARRANTY



Thank you for purchasing a highly qualified Enter Tech's (ET) product.

ET warrants its products against defects in materials and workmanship under generally accepted industry standards for a period of one (1) year for labor and parts from the date of retail purchase. ET's warranty obligations are limited to the terms and conditions set forth below :

TERMS AND CONDITIONS

1. If a defect or defects exist, at its option. ET will repair the product at no charge, using new or refurbished replacement parts provided the product does not fall into one of the categories of Section Number 9. "The warranty does not cover as below:" Replacement parts are warranted for the balance of the original applicable warranty period.
2. To obtain warranty protection, notice of the alleged defects must be given promptly upon discovery and this warranty card bearing the date of purchase, the product's model number with its serial number and other fill-ins must be presented with dated proof of purchase (Tax invoice / receipt) to one of our authorized service centers.
3. Our decision on all questions with respect to complaints as a result of defects, either materials or workmanship, shall be conclusive.
4. In order to ensure that you are covered by the warranty, you should use only genuine ET's parts and components such as adaptors, cables provided during installation.
5. Enter-tech or Authorized Service Centers will repair products under warranty at no charge, given all guidelines and restrictions are followed. Shipping expenses may or may not apply to customer depending on the region. Please contact local service center before sending any units in for repair.
6. After warranty period, to have normal service, customers shall bear all costs in shipping the product(s) for both ways (Customers to service centers and Service centers to customers).
All of returned products must be packaged appropriately, and it is recommended that they be insured or sent by a method that provides for tracking of the package. The recipient (service center(s) or even ET) is not responsible for any product that is lost or damaged in transit.
8. Please be noticed that the warranty will not be effective and all the costs of both after service and shipping in and out shall be born by customers if they purchase the products flowed in or purchased from other countries.
(Our authorized service centers can be found in the last page of the manual provided.)
9. The warranty does not cover as below :
 - 1) Defects, damage and breakage resulting from accidents, misuse (breakage, spillage of food / liquid substances that defect the product and parts such as P.C.B, battery leakage and etc.), wrong usage of electrical supply and voltage, abuse, alternation, modification, improper testing(operation, installation), tampering or failure of the purchaser to follow normal operating procedures described in the
 - 2) user's manual.
 - 3) Product subjected to unauthorized disassembles and/or repairs which adversely affect the performance of the product.
 - 4) In case of non-authorized third party engagement.
 - 5) Norman and customary wear and tear, corrosion, rusting or stains.
 - 6) Scratches and damages to the outer surface areas and externally exposed parts that are due to normal customer use.
 - 7) Claims for damaged/missing parts or accessory after 3 days from the original date of goods received.
 - 8) Product which has its serial number removed or altered or made illegible / tampered.
 - 9) If the warranty card is being altered, defaced or erased in any manner whatsoever.
 - 10) Accessories in the product package provided by ET such as adaptors, cables which are considered as consumable articles.
 - 10) The warranty period for a voice coil inside the mic ball of a mic is 6 months from the date of a retail purchase.
10. Any service charge due to the clauses of "The warranty does not cover" will be billed to customers and the service charge will vary depending on each service center in each country. Please consult the service charge with your nearest service center.

If you want to contact our technical "Service Center" close to your area, please refer to our website at " www.enter-tech.com ".

LIMITED WARRANTY

PRODUCT		CITY / STATE / ZIP	
MODEL NUMBER		TELEPHONE	
WARRANTY PERIOD	1 YEAR FROM DATE PURCHASE	DATE PURCHASE DAY / MONTH / YEAR	
PURCHASER'S NAME		PURCHASED FROM	
ADDRESS		REASON FOR SERVICE	


MAGIC SING